



ELSEVIER

Scientia Horticulturae 66 (1996) 273–275

---

---

SCIENTIA  
HORTICULTURAE

---

---

## Contents of *Scientia Horticulturae*, Volume 66

**VOL. 66 NOS. 1–2****SEPTEMBER 1996**

A suitable liquid preservative for enhancing longevity of orthodox seeds D.K. Pandey (Jabalpur, India) . . . . .	1
Relationship between dark period and leaf chlorosis, potassium, magnesium and calcium content of young eggplants E.N. Murage, Y. Sato and M. Masuda (Okayama, Japan) . . . . .	9
Changes in structural carbohydrates in developing fruit of <i>Myrciaria jaboticaba</i> M.M. Magallhães, R.S. Barros and F.L. Finger (Viçosa, Brazil) . . . . .	17
Delayed harvest effects on yield, fruit size and starch cycling in avocado ( <i>Persea americana</i> Mill.) in subtropical environments. I. the early-maturing cv. Fuerte A.W. Whiley (Nambour, Australia), T.S. Rasmussen (Indooroopilly, Australia), J.B. Saranah (Nambour, Australia) and B.N. Wolstenholme (Pietermaritzburg, South Africa) . . . . .	23
Delayed harvest effects on yield, fruit size and starch cycling in avocado ( <i>Persea americana</i> Mill.) in subtropical environments. II. The late-maturing cv. Hass A.W. Whiley (Nambour, Australia), T.S. Rasmussen (Indooroopilly, Australia), J.B. Saranah (Nambour, Australia) and B.N. Wolstenholme (Pietermaritzburg, South Africa) . . . . .	35
Growth, water relations and physiological processes of starfruit ( <i>Averrhoa carambola</i> L) plants under root growth restriction M.R. Ismail and K.M. Noor (Serdang Selangor, Malaysia) . . . . .	51
Preharvest weather conditions and pineapple fruit translucency R.E. Paull and M.E.Q. Reyes (Honolulu, HI, USA) . . . . .	59
Long-term evaluation of micropropagated apple trees: vegetative growth, cropping, and photosynthesis R.H. Zimmerman and G.L. Steffens (Beltsville, MD, USA) . . . . .	69
Auxin interaction with the vesicular-arbuscular mycorrhizal fungus <i>Glomus intraradices</i> Schenck & Smith improves vegetative growth of two citrus rootstocks P.V. Dutra (UFRGS, RS, Brazil), M. Abad, V. Almela and M. Agustí (Valencia, Spain) . . . . .	77
Foliar applied urea improves freezing protection to avocado and peach S. Zilkah, Z. Wiesmann, I. Klein and I. David (Bet Dagan, Israel) . . . . .	85
Leaf absorptance of visible radiation in <i>Vitis vinifera</i> L.: estimates of age and shade effects with a simple field method H.R. Schultz (Montpellier, France; Geisenheim, Germany) . . . . .	93
Effect of low-temperature treatments on flowering in three cultivars of <i>Hebe</i> Comm. ex Juss. L.E. Noack (Aarslev, Denmark), I.J. Warrington, J.A. Plummer (Palmerston North, New Zealand) and A.S. Andersen (Frederiksberg, Denmark) . . . . .	103
Prediction of rose shoot development: model validation for the cultivar 'Cara Mia' and extension to the cultivars 'Royalty' and 'Sonia' C.C. Pasian and J.H. Lieth (Davis, CA, USA) . . . . .	117
Behaviour of different horticultural species in phytotoxicity bioassays of bark substrates M.C. Ortega, M.T. Moreno (Sevilla, Spain), J. Ordovás (Palmerston North, New Zealand) and M.T. Aguado (Sevilla, Spain) . . . . .	125

Underutilized pulses and vegetables G.J.H. Grubben (Wageningen, The Netherlands) . . . . .	133
<b>Book review</b>	
Underutilized pulses and vegetables G.J.H. Grubben (Wageningen, The Netherlands) . . . . .	133
The computerized greenhouse . . . . .	134
Asteraceae – the composites . . . . .	135
Climate change and agriculture . . . . .	137
Mushrooms . . . . .	138
Onion and garlic diseases . . . . .	139
<b>Guide for Authors . . . . .</b>	141

**VOL. 66 NOS. 3,4****OCTOBER 1996**

Reasons for parthenocarpy and the effects of various hormone treatments on fruit set in pepino ( <i>Solanum muricatum</i> Ait.) N. Ercan and M. Akilli (Antalya, Turkey) . . . . .	141
The floral biology of the olive: effect of flower number, type and distribution on fruitset S. Lavee (Rehovot, Israel), L. Rallo, H.F. Rapoport (Córdoba, Spain) and A. Troncoso (Sevilla, Spain) . . . . .	149
Analysis of self-incompatibility-related ribonucleases (S-RNases) in two species of pears, <i>Pyrus communis</i> and <i>Pyrus ussuriensis</i> Y. Tomimoto, T. Nakazaki, H. Ikehashi, H. Ueno and R. Hayashi (Kyoto, Japan) . . . . .	159
Pollination effects on fruit mineral composition, seeds and cropping characteristics of 'Braeburn' apple trees R.K. Volz, D.S. Tustin (Havelock North, New Zealand) and I.B. Ferguson (Auckland, New Zealand) . . . . .	169
Changes in calcium contents during melon ( <i>Cucumis melo</i> L.) fruit development A. Bernadac, I. Jean-Baptiste, G. Bertoni and P. Morard (Toulouse, France) . . . . .	181
Response of olive trees to foliar application of humic substances extracted from leonardite R. Fernández-Escobar, M. Benloch, D. Barranco, A. Dueñas and J.A. Gutiérrez Gañán (Córdoba, Spain) . . . . .	191
Postharvest water relationships and tissue browning of rambutan fruit M. Landrigan (Berrimah N.T., Australia), S.C. Morris (North Ryde, NSW, Australia), D. Eamus (Casuarina, NT, Australia) and W.B. McGlasson (Richmond, NSW, Australia) . . . . .	201
Changes in non-structural carbohydrates in developing fruit of <i>Myrciaria jaboticaba</i> R.S. Barros, F.L. Finger and M.M. Magalhães (Viçosa, MG, Brazil) . . . . .	209
<i>Alstroemeria</i> plantlets can be induced to flowering by cold treatment during in vitro culture C. Pedersen, C.W. Hansen, K. Brandt and K. Kristiansen (Årslev, Denmark) . . . . .	217
Field performance of tissue-cultured plants of <i>Ranunculus asiaticus</i> L. B. Margherita, C. Giampiero (Sanremo, Italy) and D. Pierre (Gent, Belgium) . . . . .	229
Effect of water deficit stress on 11 native <i>Fragaria chiloensis</i> clones selected as ornamental groundcovers A.M. VanDerZanden (Normal, IL, USA) and J.S. Cameron (Vancouver, WA, USA) . . . . .	241
<b>Short communication</b>	
Investigating trends in vegetable crop response to increasing temperature associated with climate change D.C.E. Wurr, J.R. Fellows and K. Phelps (Wellesbourne, UK) . . . . .	255

**Book reviews**

Compendium of stone fruit diseases . . . . .	265
Pomology . . . . .	266
Plant hormones . . . . .	267
Virus diseases of flower crops . . . . .	270

